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DEC 20 2006

Application No. 10/622,407
Amendment dated November 20, 2006
Reply to Office Action of June 20, 2006

Docket No.: 01017/35434B

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 1, line 6, with the following rewritten paragraph:

This patent application is a divisional of, and claims priority to, U.S. patent application number 09/612,033 filed July 7, 2000, now U.S. Patent No. 6,627,199, which claims the priority benefit of U.S. provisional patent application number 60/143,063 filed July 9, 1999. U.S. patent application numbers 09/612,033 and 60/143,063 are incorporated by reference herein in their entireties.

Please replace the paragraph beginning on page 123, line 14, with the following rewritten paragraph:

The receptor was immobilized on a CMS research grade amine coupling chip (Biacore) by placing 40 µg/ml of recombinant tmst2-receptor diluted in HEPES buffered saline (HBS-P; Biacore) at pH 4.5 on the chip. The ligands were diluted in HBS-P buffer containing 10 µg/ml BSA and 4 mg/ml dextran to block nonspecific binding sites. The ligand samples were injected over the receptors at concentrations ranging from 2 nM to 100 nM. The chips were regenerated between ligand injections by washing 2 times for 3 minutes in 25 mM CAPS, 1 M NaCl pH 10.5.